VOLUME 41, 2003

CONTENTS

Number 1

R. Amlôt, R. Walker, J. Driver and C. Spence	1	Multimodal visual–somatosensory integration in saccade generation
K.E. Forbes and A. Venneri	16	A case for case: handling letter case selection in written spelling
C. Michel, L. Pisella, P.W. Halligan, J. Luauté, G. Rode, D. Boisson and Y. Rossetti	25	Simulating unilateral neglect in normals using prism adaptation: implications for theory
M.D. Rugg, R.N.A. Henson and W.G.K. Robb	40	Neural correlates of retrieval processing in the prefrontal cortex during recognition and exclusion tasks
B. Neininger and F. Pulvermüller	53	Word-category specific deficits after lesions in the right hemisphere
E.A. Kensinger, S. Siri, S.F. Cappa and S. Corkin	71	Role of the anterior temporal lobe in repetition and semantic priming: evidence from a patient with a category-specific deficit
K. Emmorey, T. Grabowski, S. McCullough, H. Damasio, L.L.B. Ponto, R.D. Hichwa and U. Bellugi	85	Neural systems underlying lexical retrieval for sign language
J.A. Gottfried, F. Sancar and A. Chatterjee	96	Acquired mirror writing and reading: evidence for reflected graphemic representations
S. Vicari, L. Marotta, D. Menghini, M. Molinari and L. Petrosini	108	Implicit learning deficit in children with developmental dyslexia
Book review		
J. Danckert	115	Common Mechanisms in Perception and Action: Attention and Performance XIX

Number 2

Special Issue
The Cognitive Neuroscience of Social Behavior

R. Adolphs	117	Editorial
R. Adolphs	119	Investigating the cognitive neuroscience of social behavior
J. Decety and T. Chaminade	127	Neural correlates of feeling sympathy
B. Wicker, D.I. Perrett, S. Baron-Cohen and J. Decety	139	Being the target of another's emotion: a PET study
J. O'Doherty, J. Winston, H. Critchley, D. Perrett, D.M. Burt and R.J. Dolan	147	Beauty in a smile: the role of medial orbitofrontal cortex in facial attractiveness
K.A. Pelphrey, J.D. Singerman, T. Allison and G. McCarthy	156	Brain activation evoked by perception of gaze shifts: the influence of context
N.K. Smith, J.T. Cacioppo, J.T. Larsen and T.L. Chartrand	171	May I have your attention, please: Electrocortical responses to positive and negative stimuli
D.A. Pizzagalli, L.L. Greischar and R.J. Davidson	184	Spatio-temporal dynamics of brain mechanisms in aversive classical conditioning: high-density event-related potential and brain electrical tomography analyses

A.J. Calder, J. Keane, T. Manly, R. Sprengelmeyer, S. Scott, I. Nimmo-Smith and A.W. Young — 195 — Facial expression recognition across the adult life span

E.A. Phelps, C.J. Cannistraci and W.A. Cunningham — 203 — Intact performance on an indirect measure of race bias following amygdala damage

V.E. Stone, S. Baron-Cohen, A. Calder, J. Keane and A. Young — 209 — Acquired theory of mind impairments in individuals with bilateral amygdala lesions

F.B.M. de Waal and J.M. Davis — 221 — Capuchin cognitive ecology: cooperation based on projected returns

M.W. de Veer, G.G. Gallup Jr., L.A. Theall, R. van den Bos and D.J. Povinelli — 229 — An 8-year longitudinal study of mirror self-recognition in chimpanzees (*Pan troglodytes*)

D.G. Amaral, J.P. Capitanio, M. Jourdain, W.A. Mason, S.P. Mendoza and M. Prather — 235 — The amygdala: is it an essential component of the neural network for social cognition?

Number 3

Special Issue
Functional Neuroimaging of Memory

R. Cabeza and L. Nyberg — 241 — Editorial

Procedural memory

R.A. Poldrack and M.G. Packard — 245 — Competition among multiple memory systems: converging evidence from animal and human brain studies

J. Doyon, V. Penhune and L.G. Ungerleider — 252 — Distinct contribution of the cortico-striatal and cortico-cerebellar systems to motor skill learning

Priming

R.N.A. Henson and M.D. Rugg — 263 — Neural response suppression, haemodynamic repetition effects, and behavioural priming

R. Habib, A.R. McIntosh, M.A. Wheeler and E. Tulving — 271 — Memory encoding and hippocampally-based novelty/familiarity discrimination networks

Semantic memory

S.L. Thompson-Schill — 280 — Neuroimaging studies of semantic memory: inferring "how" from "where"

K.B. McDermott, S.E. Petersen, J.M. Watson and J.G. Ojemann — 293 — A procedure for identifying regions preferentially activated by attention to semantic and phonological relations using functional magnetic resonance imaging

Episodic memory

D. Clark and A.D. Wagner — 304 — Assembling and encoding word representations: fMRI subsequent memory effects implicate a role for phonological control

I.G. Dobbins, H.J. Rice, A.D. Wagner and D.L. Schacter — 318 — Memory orientation and success: separable neurocognitive components underlying episodic recognition

M.A. Conway, C.W. Pleydell-Pearce, S.E. Whitecross and H. Sharpe — 334 — Neurophysiological correlates of memory for experienced and imagined events

Working memory

J.B. Sala, P. Rämä and S.M. Courtney — 341 — Functional topography of a distributed neural system for spatial and nonspatial information maintenance in working memory

C.-Y.C. Sylvester, T.D. Wager, S.C. Lacey, L. Hernandez, T.E. Nichols, E.E. Smith and J. Jonides — 357 — Switching attention and resolving interference: fMRI measures of executive functions

Cross-functional studies

L. Nyberg, P. Marklund, J. Persson, R. Cabeza, C. Forkstam, K.M. Petersson and M. Ingvar — 371 — Common prefrontal activations during working memory, episodic memory, and semantic memory

C. Ranganath, M.K. Johnson and M. D'Esposito — 378 — Prefrontal activity associated with working memory and episodic long-term memory

R. Cabeza, F. Dolcos, S.E. Prince, H.J. Rice, D.H. Weissman and L. Nyberg — 390 — Attention-related activity during episodic memory retrieval: a cross-function fMRI study

Number 4

I.G. Meister, B. Boroojerdi, H. Foltys, R. Sparing, W. Huber and R. Töpper — 401 — Motor cortex hand area and speech: implications for the development of language

S.R. Schweinberger, L.M. Baird, M. Blümler, J.M. Kaufmann and B. Mohr — 407 — Interhemispheric cooperation for face recognition but not for affective facial expressions

S.J. Watt, M.F. Bradshaw, T.J. Clarke and K.M. Elliot — 415 — Binocular vision and prehension in middle childhood

P. Michelon and I. Biederman — 421 — Less impairment in face imagery than face perception in early prosopagnosia

Q.J. Almeida, L.R. Wishart and T.D. Lee — 442 — Disruptive influences of a cued voluntary shift on coordinated movement in Parkinson's disease

L.J. Tippett, K. Blackwood and M.J. Farah — 453 — Visual object and face processing in mild-to-moderate Alzheimer's disease: from segmentation to imagination

M. Annett — 469 — Cerebral asymmetry in twins: predictions of the right shift theory

M. Faust, A. Bar-lev and C. Chiarell — 480 — Sentence priming effects in the two cerebral hemispheres: influences of lexical relatedness, word order, and sentence anomaly

N. Berberovic and J.B. Mattingley — 493 — Effects of prismatic adaptation on judgements of spatial extent in peripersonal and extrapersonal space

Review

G. Jager and A. Postma — 504 — On the hemispheric specialization for categorical and coordinate spatial relations: a review of the current evidence

Erratum

D.G. Amaral, M.D. Bauman, J.P. Capitanio, P. Lavenex, W.A. Mason, M.L. Mauldin-Jourdain and S.P. Mendoza — 516 — Erratum to "The Amygdala: is it an essential component of the neural network for social cognition? " [Neuropsychologia 41 (2) 235–240]

D.G. Amaral, M.D. Bauman, J.P. Capitanio, P. Lavenex, W.A. Mason, M.L. Mauldin-Jourdain and S.P. Mendoza — 517 — The amygdala: is it an essential component of the neural network for social cognition?

Number 5

R.A. Richell, D.G.V. Mitchell, C. Newman, A. Leonard, S. Baron-Cohen and R.J.R. Blair — 523 — Theory of mind and psychopathy: can psychopathic individuals read the 'language of the eyes'?

K. Wang, R. Hoosain, R.-M. Yang, Y. Meng and C.-Q. Wang — 527 — Impairment of recognition of disgust in Chinese with Huntington's or Wilson's disease

J. Ward and L. Jones — 538 — Inappropriate association of semantics and context to novel stimuli can give rise to the false recognition of unfamiliar people

S.L. Rossell, C.J. Price and A.C. Nobre — 550 — The anatomy and time course of semantic priming investigated by fMRI and ERPs

J. Barnes, L. Boubert, J. Harris, A. Lee and A.S. David — 565 — Reality monitoring and visual hallucinations in Parkinson's disease

M. Brand, E. Kalbe, E. Fujiwara, M. Huber and H.J. Markowitsch — 575 — Cognitive estimation in patients with probable Alzheimer's disease and alcoholic Korsakoff patients

M.L. Keightley, G. Winocur, S.J. Graham, H.S. Mayberg, S.J. Hevenor and C.L. Grady — 585 — An fMRI study investigating cognitive modulation of brain regions associated with emotional processing of visual stimuli

S.R. Afraz, L. Montaser-Kouhsari, M. Vaziri-Pashkam and F. Moradi — 597 — Interhemispheric visual interaction in a patient with posterior callosectomy

S. Charbonneau, B.P. Scherzer, D. Aspirot and H. Cohen — 605 — Perception and production of facial and prosodic emotions by chronic CVA patients

J.M. Hamilton, K.Y. Haaland, J.C. Adair and J. Brandt — 614 — Ideomotor limb apraxia in Huntington's disease: implications for corticostriate involvement

Y. Coello, S. Richaud, P. Magne and Y. Rossetti — 622 — Vision for spatial perception and vision for action: a dissociation between the left–right and near–far dimensions

A. Peru, A. Beltramello, V. Moro, L. Sattibaldi and G. Berlucchi — 634 — Temporary and permanent signs of interhemispheric disconnection after traumatic brain injury

Number 6

S.J.G. Lewis, R. Cools, T.W. Robbins, A. Dove, R.A. Barker and A.M. Owen — 645 — Using executive heterogeneity to explore the nature of working memory deficits in Parkinson's disease

A. Slachevsky, B. Pillon, P. Fourneret, L. Renié, R. Levy, M. Jeannerod and B. Dubois — 655 — The prefrontal cortex and conscious monitoring of action. An experimental study

K. Hugdahl, E. Heiervang, L. Ersland, A. Lundervold, H. Steinmetz and A.I. Smievoll — 666 — Significant relation between MR measures of planum temporale area and dichotic processing of syllables in dyslexic children

E.K. Farran, C. Jarrold and S.E. Gathercole — 676 — Divided attention, selective attention and drawing: processing preferences in Williams syndrome are dependent on the task administered

J.S. Snowden, Z.C. Gibbons, A. Blackshaw, E. Doubleday, J. Thompson, D. Craufurd, J. Foster, F. Happé and D. Neary — 688 — Social cognition in frontotemporal dementia and Huntington's disease

S. Lê, E. Raufaste, S. Roussel, M. Puel and J.-F. Démonet — 702 — Implicit face perception in a patient with visual agnosia? Evidence from behavioural and eye-tracking analyses

B.C. Duchaine and A. Weidenfeld — 713 — An evaluation of two commonly used tests of unfamiliar face recognition

C. Chiarello, S. Liu, C. Shears, N. Quan and N. Kacinik — 721 — Priming of strong semantic relations in the left and right visual fields: a time-course investigation

C. Gagliardi, E. Frigerio, D. Michael Burt, I. Cazzaniga, D.I. Perrett and R. Borgatti — 733 — Facial expression recognition in Williams syndrome

A. Farnè, A.C. Roy, Y. Paulignan, G. Rode, Y. Rossetti, D. Boisson and M. Jeannerod — 739 — Visuo-motor control of the ipsilateral hand: evidence from right brain-damaged patients

Book review

T. Schenk — 758 — Introducing Neuropsychology

Number 7

C. Luzzatti, M. Laiacona and D. Agazzi — 759 — Multiple patterns of writing disorders in dementia of the Alzheimer type and their evolution

J.M. Townshend and T. Duka — 773 — Mixed emotions: alcoholics' impairments in the recognition of specific emotional facial expressions

T. Schenk, B. Baur, U. Steude and K. Bötzel 783 Effects of deep brain stimulation on prehensile movements in PD patients are less pronounced when external timing cues are provided

J.P. Harris, E.A. Atkinson, A.C. Lee, K. Nithi and M.S. Fowler 795 Hemispace differences in the visual perception of size in left hemi-Parkinson's disease

E. Eger, A. Jedynak, T. Iwaki and W. Skrandies 808 Rapid extraction of emotional expression: evidence from evoked potential fields during brief presentation of face stimuli

J. Yang, X. Weng, L. Guan, P. Kuang, M. Zhang, W. Sun, S. Yu and K. Patterson 818 Involvement of the medial temporal lobe in priming for new associations

M. Roser and M.C. Corballis 830 Interhemispheric neural summation in the split brain: effects of stimulus colour and task

D. Tranel, H. Damasio, G.R. Eichhorn, T. Grabowski, L.L.B. Ponto and R.D. Hichwa 847 Neural correlates of naming animals from their characteristic sounds

R. El Yagoubi, P. Lemaire and M. Besson 855 Different brain mechanisms mediate two strategies in arithmetic: evidence from Event-Related brain Potentials

Number 8

Rapid publication

K. Henke, C.R.A. Mondadori, V. Treyer, R.M. Nitsch, A. Buck and C. Hock 863 Nonconscious formation and reactivation of semantic associations by way of the medial temporal lobe

L.S. Arduino, C. Burani and G. Vallar 877 Reading aloud and lexical decision in neglect dyslexia patients: a dissociation

M. Harvey, B. Hood, A. North and I.H. Robertson 886 The effects of visuomotor feedback training on the recovery of hemispatial neglect symptoms: assessment of a 2-week and follow-up intervention

K. Lawrence, R. Campbell, J. Swettenham, J. Terstegge, R. Akers, M. Coleman and D. Skuse 894 Interpreting gaze in Turner syndrome: impaired sensitivity to intention and emotion, but preservation of social cueing

P.W. Burgess, S.K. Scott and C.D. Frith 906 The role of the rostral frontal cortex (area 10) in prospective memory: a lateral versus medial dissociation

K.A. Hadland, M.F.S. Rushworth, D. Gaffan and R.E. Passingham 919 The effect of cingulate lesions on social behaviour and emotion

R.M. Kwok and O.J. Braddick 932 When does the Titchener Circles illusion exert an effect on grasping? Two- and three-dimensional targets

S. Vogt, P. Taylor and B. Hopkins 941 Visuomotor priming by pictures of hand postures: perspective matters

M.J. Cortese, D.A. Balota, S.D. Sergent-Marshall and R.L. Buckner 952 Spelling via semantics and phonology: exploring the effects of age, Alzheimer's disease, and primary semantic impairment

W.L. Slaghuis and A.K. Thompson 968 The effect of peripheral visual motion on focal contrast sensitivity in positive- and negative-symptom schizophrenia

H. Kazui, M. Hashimoto, N. Hirono and E. Mori 981 Nature of personal semantic memory: evidence from Alzheimer's disease

K.E. Watkins, A.P. Strafella and T. Paus 989 Seeing and hearing speech excites the motor system involved in speech production

D.J. Mabbott and M.L. Smith 995 Memory in children with temporal or extra-temporal excisions

G.M. Grimshaw, K.M. Kwasny, E. Covell and R.A. Johnson — 1008 The dynamic nature of language lateralization: effects of lexical and prosodic factors

D.Y. Kimberg and M. D'Esposito — 1020 Cognitive effects of the dopamine receptor agonist pergolide

N. Neumann, A. Kübler, J. Kaiser, T. Hinterberger and N. Birbaumer — 1028 Conscious perception of brain states: mental strategies for brain–computer communication

J.H. Brown, M.H. Johnson, S.J. Paterson, R. Gilmore, E. Longhi and A. Karmiloff-Smith — 1037 Spatial representation and attention in toddlers with Williams syndrome and Down syndrome

R. Sprengelmeyer, A.W. Young, K. Mahn, U. Schroeder, D. Woitalla, T. Büttner, W. Kuhn and H. Przuntek — 1047 Facial expression recognition in people with medicated and unmedicated Parkinson's disease

S.-J. Blakemore, D.A. Oakley and C.D. Frith — 1058 Delusions of alien control in the normal brain

J. Danckert, P. Revol, L. Pisella, P. Krolak-Salmon, A. Vighetto, M.A. Goodale and Y. Rossetti — 1068 Measuring unconscious actions in action-blindsight: exploring the kinematics of pointing movements to targets in the blind field of two patients with cortical hemianopia

K. Kucharska-Pietura, M.L. Phillips, W. Gernand and A.S. David — 1082 Perception of emotions from faces and voices following unilateral brain damage

L.J. Buxbaum, A. Sirigu, M.F. Schwartz and R. Klatzky — 1091 Cognitive representations of hand posture in ideomotor apraxia

M. Harvey, I.D. Gilchrist, B. Olk and K. Muir — 1114 Eye-movement patterns do not mediate size distortion effects in hemispatial neglect: looking without seeing

R. West — 1122 Neural correlates of cognitive control and conflict detection in the Stroop and digit-location tasks

Number 9

A.R. Aron, B.J. Sahakian and T.W. Robbins — 1137 Distractibility during selection-for-action: differential deficits in Huntington's disease and following frontal lobe damage

L. Cipolotti and E.A. Maguire — 1148 A combined neuropsychological and neuroimaging study of topographical and non-verbal memory in semantic dementia

D. Zoppelt, B. Koch, M. Schwarz and I. Daum — 1160 Involvement of the mediodorsal thalamic nucleus in mediating recollection and familiarity

T. Habekost and C. Bundesen — 1171 Patient assessment based on a theory of visual attention (TVA): subtle deficits after a right frontal-subcortical lesion

K. Shapiro and A. Caramazza — 1189 Grammatical processing of nouns and verbs in left frontal cortex?

R.-A. Müller, N. Kleinhans and E. Courchesne — 1199 Linguistic theory and neuroimaging evidence: an fMRI study of Broca's area in lexical semantics

E. Hazeltine, S.A. Bunge, M.D. Scanlon and J.D.E. Gabrieli — 1208 Material-dependent and material-independent selection processes in the frontal and parietal lobes: an event-related fMRI investigation of response competition

A.G. Sanfey, R. Hastie, M.K. Colvin and J. Grafman — 1218 Phineas gauged: decision-making and the human prefrontal cortex

R. Tailby and C. Haslam — 1230 An investigation of errorless learning in memory-impaired patients: improving the technique and clarifying theory

C.C. Ruff, M. Knauff, T. Fangmeier and J. Spreer — 1241 Reasoning and working memory: common and distinct neuronal processes

A.B. Thiran and S. Clarke — 1254 Preserved use of spatial cues for sound segregation in a case of spatial deafness

J.J. Marotta, T.J. McKeeff and M. Behrmann — 1262 Hemispatial neglect: its effects on visual perception and visually guided grasping

S. Patuzzo, A. Fiaschi and P. Manganotti — 1272 Modulation of motor cortex excitability in the left hemisphere during action observation: a single- and paired-pulse transcranial magnetic stimulation study of self- and non-self-action observation

Addendum

T.T.J. Kircher — 1279 Addendum to "The neural correlates of intentional and incidental self-processing" [Neuropsychologia 40 (2002) 683–692]

Number 10

Rapid publication

R. Adolphs and D. Tranel — 1281 Amygdala damage impairs emotion recognition from scenes only when they contain facial expressions

M. Lepore, M. Conson, D. Grossi and L. Trojano — 1290 On the different mechanisms of spatial transpositions: a case of representational allochiria in clock drawing

C.T. Trevethan and A. Sahraie — 1296 Spatial and temporal processing in a subject with cortical blindness following occipital surgery

O. Felician, M. Ceccaldi, M. Didic, C. Thinus-Blanc and M. Poncet — 1307 Pointing to body parts: a double dissociation study

H. Lausberg, S. Kita, E. Zaidel and A. Ptito — 1317 Split-brain patients neglect left personal space during right-handed gestures

Y.D. Van der Werf, P. Scheltens, J. Lindeboom, M.P. Witter, H.B.M. Uylings and J. Jolles — 1330 Deficits of memory, executive functioning and attention following infarction in the thalamus; a study of 22 cases with localised lesions

B. Milivojevic, B.W. Johnson, J.P. Hamm and M.C. Corballis — 1345 Non-identical neural mechanisms for two types of mental transformation: event-related potentials during mental rotation and mental paper folding

G. Stoet and L.H. Snyder — 1357 Executive control and task-switching in monkeys

S.S. Shimozaki, M.M. Hayhoe, G.J. Zelinsky, A. Weinstein, W.H. Merigan and D.H. Ballard — 1365 Effect of parietal lobe lesions on saccade targeting and spatial memory in a naturalistic visual search task

M.F. Mendez and M.M. Cherrier — 1387 Agnosia for scenes in topographagnosia

M. Mapstone, S. Weintraub, C. Nowinski, G. Kaptanoglu, D.R. Gitelman and M.-M. Mesulam — 1396 Cerebral hemispheric specialization for spatial attention: spatial distribution of search-related eye fixations in the absence of neglect

R.L.C. Mitchell, R. Elliott, M. Barry, A. Cruttenden and P.W.R. Woodruff — 1410 The neural response to emotional prosody, as revealed by functional magnetic resonance imaging

A.J. Sperling, Z.-l. Lu, F.R. Manis and M.S. Seidenberg — 1422 Selective magnocellular deficits in dyslexia: a "phantom contour" study

Number 11

R. Cools, R.A. Barker, B.J. Sahakian and T.W. Robbins — 1431 L-Dopa medication remediates cognitive inflexibility, but increases impulsivity in patients with Parkinson's disease

H. Mollion, J. Ventre-Dominey, P.F. Dominey and E. Broussolle — 1442 Dissociable effects of dopaminergic therapy on spatial versus non-spatial working memory in Parkinson's disease

B. Gottwald, Z. Mihajlovic, B. Wilde and H.M. Mehdorn — 1452 Does the cerebellum contribute to specific aspects of attention?

T.C. Handy, M.S. Gazzaniga and R.B. Ivry — 1461 Cortical and subcortical contributions to the representation of temporal information

L. Clark, F. Manes, N. Antoun, B.J. Sahakian and T.W. Robbins — 1474 The contributions of lesion laterality and lesion volume to decision-making impairment following frontal lobe damage

M. Milders, J.R. Crawford, A. Lamb and S.A. Simpson — 1484 Differential deficits in expression recognition in gene-carriers and patients with Huntington's disease

T. Raberger and H. Wimmer — 1493 On the automaticity/cerebellar deficit hypothesis of dyslexia: balancing and continuous rapid naming in dyslexic and ADHD children

L.M. Muratori, R. Reilmann and A.M. Gordon — 1498 Coordination of fingertip forces during precision grasping in multiple system atrophy

R. Perri, G.A. Carlesimo, G.D. Zannino, M. Mauri, B. Muolo, C. Pettenati and C. Caltagirone — 1509 Intentional and automatic measures of specific-category effect in the semantic impairment of patients with Alzheimer's disease

M. Hausmann, K.E. Waldie, S.D. Allison and M.C. Corballis — 1523 Line bisection following hemispherectomy

A.B. Vivas, G.W. Humphreys and L.J. Fuentes — 1531 Inhibitory processing following damage to the parietal lobe

E.M. Saffran, H. Branch Coslett and M.T. Keener — 1541 Differences in word associations to pictures and words

C.M. Temple and P.M. Sanfilippo — 1547 Executive skills in Klinefelter's syndrome

Erratum

K.A. Pelphrey, J.D. Singerman, T. Allison and G. McCarthy — 1561 Erratum to "Brain activation evoked by perception of gaze shifts: the influence of context" [Neuropsychologia 41 (2003) 156–170]

Corrigendum

J.M. Townshend and T. Duka — 1563 Corrigendum to "Mixed emotions: alcoholics' impairments in the recognition of specific emotional facial expressions" [Neuropsychologia 41 (2003) 773–782]

Number 12

G. Goldenberg, K. Hartmann and I. Schlott — 1565 Defective pantomime of object use in left brain damage: apraxia or asymbolia?

E. Brunet, Y. Sarfati, M.-C. Hardy-Baylé and J. Decety — 1574 Abnormalities of brain function during a nonverbal theory of mind task in schizophrenia

P.A. Lewis and R.C. Miall — 1583 Brain activation patterns during measurement of sub- and supra-second intervals

M. Delazer, C. Semenza, M. Reiner, R. Hofer and T. Benke — 1593 Anomia for people names in DAT—evidence for semantic and post-semantic impairments

S. Perbal, J. Couillet, P. Azouvi and V. Pouthas — 1599 Relationships between time estimation, memory, attention, and processing speed in patients with severe traumatic brain injury

A. Granà, A. Lochy, L. Girelli, X. Seron and C. Semenza — 1611 Transcoding zeros within complex numerals

T. Zalla, P. Pradat-Diehl and A. Sirigu — 1619 Perception of action boundaries in patients with frontal lobe damage

J. Hermsdörfer, H. Blankenfeld and G. Goldenberg — 1628 The dependence of ipsilesional aiming deficits on task demands, lesioned hemisphere, and apraxia

T. Fushimi, K. Komori, M. Ikeda, K. Patterson, M. Ijuin and H. Tanabe — 1644 Surface dyslexia in a Japanese patient with semantic dementia: evidence for similarity-based orthography-to-phonology translation

J.M. Zacks, F. Gilliam and J.G. Ojemann — 1659 Selective disturbance of mental rotation by cortical stimulation

S.D. Newman, P.A. Carpenter, S. Varma and M.A. Just — 1668 Frontal and parietal participation in problem solving in the Tower of London: fMRI and computational modeling of planning and high-level perception

C.T. Winograd-Gurvich, N. Georgiou-Karistianis, A. Evans, L. Millist, J.L. Bradshaw, A. Churchyard, E. Chiu and O.B. White — 1683 Hypometric primary saccades and increased variability in visually-guided saccades in Huntington's disease

T.R. Jordan and G.R. Patching — 1693 Assessing effects of stimulus orientation on perception of lateralized words and nonwords

J.J.S. Barton, J. Zhao and J.P. Keenan — 1703 Perception of global facial geometry in the inversion effect and prosopagnosia

Corrigendum

R. Sprengelmeyer, A.W. Young, K. Mahn, U. Schroeder, D. Woitalla, T. Büttner, W. Kuhn and H. Przuntek — 1712 Corrigendum to "Facial expression recognition in people with medicated and unmedicated Parkinson's disease" [Neuropsychologia 41 (2003) 1047–1057]

Number 13

Special Issue
The Neuropsychology of Motion Perception

A. Cowey and V. Walsh — 1715 Preface

C. Galletti and P. Fattori — 1717 Neuronal mechanisms for detection of motion in the field of view

T. Jellema and D.I. Perrett — 1728 Cells in monkey STS responsive to articulated body motions and consequent static posture: a case of implied motion?

P. Azzopardi, M. Fallah, C.G. Gross and H.R. Rodman — 1738 Response latencies of neurons in visual areas MT and MST of monkeys with striate cortex lesions

G.A. Orban, D. Fize, H. Peuskens, K. Denys, K. Nelissen, S. Sunaert, J. Todd and W. Vanduffel — 1757 Similarities and differences in motion processing between the human and macaque brain: evidence from fMRI

O. Braddick, J. Atkinson and J. Wattam-Bell — 1769 Normal and anomalous development of visual motion processing: motion coherence and 'dorsal-stream vulnerability'

J. Stein — 1785 Visual motion sensitivity and reading

A. Ellison, L. Battelli, A. Cowey and V. Walsh — 1794 The effect of expectation on facilitation of colour/form conjunction tasks by TMS over area V5

A. Antal, T.Z. Kincses, M.A. Nitsche and W. Paulus — 1802 Modulation of moving phosphene thresholds by transcranial direct current stimulation of V1 in human

L. Battelli, P. Cavanagh and I.M. Thornton — 1808 Perception of biological motion in parietal patients

L.M. Vaina, N.M. Gryzwacz, P. Saiviroonporn, M. LeMay, D.C. Bienfang and A. Cowey — 1817 Can spatial and temporal motion integration compensate for deficits in local motion mechanisms?

G.G. Cole, C. Heywood, R. Kentridge, I. Fairholm and A. Cowey — 1837 Attentional capture by colour and motion in cerebral achromatopsia

S. Soto-Faraco, A. Kingstone and C. Spence — 1847 Multisensory contributions to the perception of motion

Number 14

C.L. Wyland, W.M. Kelley, C.N. Macrae, H.L. Gordon and T.F. Heatherton — 1863 Neural correlates of thought suppression

B. Horwitz, K. Amunts, R. Bhattacharyya, D. Patkin, K. Jeffries, K. Zilles and A.R. Braun — 1868 Activation of Broca's area during the production of spoken and signed language: a combined cytoarchitectonic mapping and PET analysis

L. Rami, A. Gironell, J. Kulisevsky, C. García-Sánchez, M. Berthier and A. Estévez-González — 1877 Effects of repetitive transcranial magnetic stimulation on memory subtypes: a controlled study

J. Ventre-Dominey, N. Nighoghossian and P. Denise — 1884 Evidence for interacting cortical control of vestibular function and spatial representation in man

J. Gisselgård, K.M. Petersson, A. Baddeley and M. Ingvar — 1899 The irrelevant speech effect: a PET study

P.S. Wallace and I.Q. Whishaw — 1912 Independent digit movements and precision grip patterns in 1–5-month-old human infants: hand-babbling, including vacuous then self-directed hand and digit movements, precedes targeted reaching

C.E. Myers, D. Shohamy, M.A. Gluck, S. Grossman, S. Onlaor and N. Kapur — 1919 Dissociating medial temporal and basal ganglia memory systems with a latent learning task

F.M. Gunning-Dixon and N. Raz — 1929 Neuroanatomical correlates of selected executive functions in middle-aged and older adults: a prospective MRI study

C. Lemer, S. Dehaene, E. Spelke and L. Cohen — 1942 Approximate quantities and exact number words: dissociable systems

N.R. Horn, M. Dolan, R. Elliott, J.F.W. Deakin and P.W.R. Woodruff — 1959 Response inhibition and impulsivity: an fMRI study

J. Saltzman-Benaiah, K. Scott and M.L. Smith — 1967 Factors associated with atypical speech representation in children with intractable epilepsy

C. Cantalupo, D.L. Pilcher and W.D. Hopkins — 1975 Are planum temporale and sylvian fissure asymmetries directly related? A MRI study in great apes

Erratum

M.J. Cortese, D.A. Balota, S.D. Sergent-Marshall and R.L. Buckner — 1982 Erratum to "Spelling via semantics and phonology: exploring the effects of age, Alzheimer's disease, and primary semantic impairment" [Neuropsychologia 41 (2003) 952–967]

I Volume 41, 2003, Contents, Author Index and Keyword Index